

REMARKS

Claims 1-4 were considered. Claims 1 and 4 are amended. Claims 2 and 3 are canceled. Claims 5-6 are added. Claims 1 and 4-6 remain in the Application.

The Patent Office rejects claims 1-4 under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 5,591,678 of Bendik et al. (Bendik). According to the Patent Office, Bendik describes a circuit substrate that is thinned to a certain thickness as disclosed in column 4, lines 10-15. Claim 1, as amended, describes an apparatus including a plurality of circuit substrates on a substrate and in a non-planar orientation relative to one another. Each circuit substrate comprises a single crystal semiconductor layer having a smallest dimension reduced. Thus, the reduction occurs in the single crystal semiconductor layer. Support for the amendments to claim 1 may be found in the Application at, for example, page 6, paragraph 0028.

Claim 1 is not anticipated by Bendik, because Bendik does not describe an apparatus including a plurality of circuit substrates on a substrate and in a non-planar orientation relative to one another.

Claim 4 depends from claim 1 and therefore contains all the limitations of that claim. For at least the reason stated with respect to claim 1, claim 4 is not anticipated by Bendik.

Applicant adds new claims 5 and 6. Support for these claims may be found in the Application at, for example, pages 6-7 in paragraphs 0028 and 0029.

Applicant respectfully requests the Patent Office withdraw the rejection to claims 1 and 4 under 35 U.S.C. §102(b).

CONCLUSION

In view of the foregoing, it is believed that all claims now pending patentably define the subject invention over the prior art of record and are in condition for allowance and such action is earnestly solicited at the earliest possible date.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nedy Calderon 5/18/05
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